

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/S30/12SA
Source: PCT
Date Processed by STIC: 2/13/06

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PCT

RAW SEQUENCE LISTING

DATE: 02/13/2006

PATENT APPLICATION: US/10/530,125A

TIME: 12:58:06

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02132006\J530125A.raw

4 <110> APPLICANT: SANWA KAGAKU KENKYUSHO CO.,LTD.
 6 <120> TITLE OF INVENTION: GLP-1 derivatives and the use
 8 <130> FILE REFERENCE: JP0304SKK
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/530,125A
 C--> 10 <141> CURRENT FILING DATE: 2005-04-04
 10 <150> PRIOR APPLICATION NUMBER: JP 2002-299283
 11 <151> PRIOR FILING DATE: 2002-10-11
 13 <160> NUMBER OF SEQ ID NOS: 25
 15 <170> SOFTWARE: PatentIn version 3.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 29
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Artificial
 22 <220> FEATURE:
 23 <223> OTHER INFORMATION: GLP1(7-35)
 25 <400> SEQUENCE: 1
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 28 1 5 10 15
 31 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly
 32 20 25
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 36 <211> LENGTH: 30
 37 <212> TYPE: PRT
 38 <213> ORGANISM: Artificial
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: GLP1(7-36)
 43 <400> SEQUENCE: 2
 45 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 46 1 5 10 15
 49 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 50 20 25 30
 53 <210> SEQ ID NO: 3
 54 <211> LENGTH: 30
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Artificial
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: 8S-GLP1
 61 <400> SEQUENCE: 3
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 64 1 5 10 15
 67 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 68 20 25 30
 71 <210> SEQ ID NO: 4

(pg.6)

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74 <213> ORGANISM: Artificial
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77 <223> OTHER INFORMATION: GLP1+1R
79 <400> SEQUENCE: 4
81 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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86          20          25          30
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91 <212> TYPE: PRT
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95 <223> OTHER INFORMATION: GLP1+2R
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99 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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104          20          25          30
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109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial
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115 <400> SEQUENCE: 6
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127 <212> TYPE: PRT
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149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial
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170 <211> LENGTH: 35
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial
174 <220> FEATURE:
175 <223> OTHER INFORMATION: 8S-GLP1+5R
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179 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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187 Arg Arg Arg
188          35
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192 <211> LENGTH: 36
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194 <213> ORGANISM: Artificial
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198 <223> OTHER INFORMATION: 8S-GLP1+6R
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202 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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206 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Arg Arg
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216 <212> TYPE: PRT
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220 <223> OTHER INFORMATION: 8S-GLP1-8R
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236 <210> SEQ ID NO: 12
237 <211> LENGTH: 31
238 <212> TYPE: PRT

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 262 <400> SEQUENCE: 13
 264 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 265 1 5 10 15
 268 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Arg
 269 20 25 30
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 273 <211> LENGTH: 33
 274 <212> TYPE: PRT
 275 <213> ORGANISM: Artificial
 277 <220> FEATURE:
 278 <223> OTHER INFORMATION: 8S-des36R-GLP1+3KR
 280 <400> SEQUENCE: 14
 282 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 283 1 5 10 15
 286 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
 287 20 25 30
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 294 <210> SEQ ID NO: 15
 295 <211> LENGTH: 35
 296 <212> TYPE: PRT
 297 <213> ORGANISM: Artificial
 299 <220> FEATURE:
 300 <223> OTHER INFORMATION: 8S-des36R-GLP1+5KR
 302 <400> SEQUENCE: 15
 304 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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 308 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
 309 20 25 30
 312 Lys Lys Arg
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 316 <210> SEQ ID NO: 16
 317 <211> LENGTH: 37
 318 <212> TYPE: PRT
 319 <213> ORGANISM: Artificial
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Input Set : A:\pto.da.txt

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322 <223> OTHER INFORMATION: 8S-des36R-GLP1+7KR
324 <400> SEQUENCE: 16
326 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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330 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
331          20          25          30
334 Lys Lys Lys Lys Arg
335          35
338 <210> SEQ ID NO: 17
339 <211> LENGTH: 40
340 <212> TYPE: PRT
341 <213> ORGANISM: Artificial
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344 <223> OTHER INFORMATION: 8S-des36R-GLP1+10KR
346 <400> SEQUENCE: 17
348 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
349 1          5          10          15
352 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
353          20          25          30
356 Lys Lys Lys Lys Lys Lys Lys Arg
357          35          40
360 <210> SEQ ID NO: 18
361 <211> LENGTH: 32
362 <212> TYPE: PRT
363 <213> ORGANISM: Artificial
365 <220> FEATURE:
366 <223> OTHER INFORMATION: 8S-GLP1+2K
368 <400> SEQUENCE: 18
370 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
371 1          5          10          15
374 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Lys Lys
375          20          25          30
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383 <220> FEATURE:
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388 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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392 Gln Ala Ala Gln Glu Phe Ile Ala Trp Leu Val Asn Gly Arg
393          20          25          30
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398 <212> TYPE: PRT
399 <213> ORGANISM: Artificial
401 <220> FEATURE:
402 <223> OTHER INFORMATION: 26Q34N-GLP1

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/13/2006
PATENT APPLICATION: US/10/530,125A TIME: 12:58:07

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02132006\J530125A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:25; Xaa Pos. 34 ✓

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25

VERIFICATION SUMMARY

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Input Set : A:\pto.da.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:32